# GOVERNMENT OF INDIA
# SPACE
# LOK SABHA

UNSTARRED QUESTION NO:486
ANSWERED ON:21.11.2001
LAUNCHING OF PSLV - C
YEMPARALA VENKATESWARA RAO

**Will the Minister of SPACE be pleased to state:**

(a) whether it is a fact that PSLV-C3 was launched recently;

(b) if so, whether the satellite was launched successfully;

(c) the main objectives of the satellite; and

(d) the manner in which it is likely to strengthen India`s space programme?

## Answer

THE MINISTER OF STATE OF THE MINISTRY OF SMALL SCALE INDUSTRIES, MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS, MINISTER OF STATE IN THE MINISTRY OF PLANNING AND MINISTER OF STATE IN THE DEPARTMENTS OF ATOMIC ENERGY AND SPACE (SMT.VASUNDHARA RAJE)

(a)&(b) Yes, Sir. In the recent launch of Polar Satellite Launch Vehicle−C3 (PSLV-C3), India has launched successfully Technology Experiment Satellite (TES). It has also launched two small satellites, PROBA of Belgium and BIRD of Germany into precise orbit.

(c) The main objective of the Technology Experiment Satellite (TES) was todevelop and test a set of critical technologies to provide on-orbit demonstration and validation of these technologies for future enhanced capability missions, and also to provide hands-on experience in handling complex mission operations such as step & stare manoeuvres. PROBA is a small satellite meantfor testing advanced technologies and remote sensing applications, while BIRDsatellite is meant for detection of hot spots such as forest fires and volcanoes.

(d) The TES provides necessary platform to test vital technologies for futureenhanced missions, thus strengthening the capabilities of the Indian Space Programme, both in technology, techniques and their applications. The successful mission has further demonstrated the reliability and versatility of the PSLV.